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THE UNITED STATES PATENT AND TRADEMARK OFFICE  
POWER OF ATTORNEY

Docket No.  
13220.010001; P5845

Name of Applicant: SUN MICROSYSTEMS, INC.  
Address of Applicant: 901 San Antonio Road, MS-PAL01-521  
Palo Alto, California 94303

Title: REPLICATION ARCHITECTURE FOR A DIRECTORY SERVER

Serial No., if Any: 09/993,940

Filed: November 6, 2001

TO THE ASSISTANT COMMISSIONER FOR PATENTS

The Assistant Commissioner for Patents  
Washington, D.C. 20231

Honorable Sir:

I hereby appoint:

Jonathan P. Osha, Reg. No. 33,986; Alan D. Rosenthal, Reg. No. 27,833; Richard A. Fagin, Reg. No. 39,182; Thomas K. Scherer, Reg. No. 45,079; Scott W. Hejny, Reg. No. 45,882; Y. Renee Alsandor, Reg. No. 45,883; Jeffrey S. Bergman, Reg. No. 45,925; Robert P. Lord, Reg. No. 46,479; T. Chyau Liang, Reg. No. 48,885; William E. Hickman, Reg. No. 46,771; Wasif H. Qureshi, Reg. No. P51,048 of ROSENTHAL & OSHA L.L.P.; and

Kenneth Olsen, Reg. No. 26,493; Timothy J. Crean, Reg. No. 37,116; Alexander E. Silverman, Reg. No. 37,940; Anirma Rakshpal Gupta, Reg. No. 38,275; Sean P. Lewis, Reg. No. 42,798; Michael J. Schallop, Reg. No. 44,319; Bernice B. Chen, Reg. No. 42,403; Noreen A. Krall, Reg. No. 39,734; Monica D. Ward, Reg. No. 40,696; Marc D. Foodman, Reg. No. 34,110; Elaine K. Lee, Reg. No. 41,936; Hugh H. Matsubayashi, Reg. No. 43,779; Paul D. Sorkin, Reg. No. 39,039; Marilyn E. Glaubenskle, Reg. No. 35,521; Andrew C. Chen, Reg. No. 43,544; Jeffrey L. Myers, Reg. No. 44,252, and Pavel Pogodin, Reg. No. P48,205 of SUN MICROSYSTEMS, INC.

as principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence to:

Jonathan P. Osha  
ROSENTHAL & OSHA L.L.P.  
1221 McKinney, Suite 2800  
Houston, Texas 77010

Telephone: (713) 228-8600  
Facsimile: (713) 228-8778

By:

Kenneth Olsen, Reg. No. 26,493  
Vice President Intellectual Property  
Sun Microsystems, Inc.  
901 San Antonio Road, M/S PAL01-521  
Palo Alto, Ca 94303

Dated: December 20, 2001

COPY OF PAPERS  
ORIGINALLY FILED

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s): John Merrells, et al.

Docket No.

13220.010001; P5845

Serial No.

09/993,940

Filing Date

November 6, 2001

Examiner

Group Art Unit

2176

Invention:

REPLICATION ARCHITECTURE FOR A DIRECTORY SERVER

COPY OF PAPERS  
ORIGINALLY FILED

I hereby certify that this Response to Notice to File Missing Parts of Application along with required papers  
(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Assistant Commissioner for Patents, Washington, D.C. 20231 on February 21, 2002  
(Date)

Grace A. Wise

(Typed or Printed Name of Person Mailing Correspondence)

  
(Signature of Person Mailing Correspondence)**Note: Each paper must have its own certificate of mailing.**

#4



**Response To Notice To File Missing Parts Of Application**  
**Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
13220.010001; P5845

In Re Application Of: John Merrells, et al.

Serial No.  
09/993,940

Filing Date  
November 6, 2001

Examiner

Group Art Unit  
2176

Invention:

**REPLICATION ARCHITECTURE FOR A DIRECTORY SERVER**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

12/04/2001

*Date*

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☒ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ Other (list):

**Power of Attorney**

03/08/2002 HMARZ11 00000100 09993940

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110.00 0P

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
13220.010001; P5845

In Re Application Of: **John Merrells, et al.**

Serial No.  
09/993,940

Filing Date  
November 6, 2001

Examiner

Group Art Unit  
2176

Invention:

**REPLICATION ARCHITECTURE FOR A DIRECTORY SERVER**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

**Box Missing Parts**

☒ Completion of application fees as calculated below:

☒ Utility application filing fee \$740.00

☐ Design application filing fee                     

☒ Total number of independent claims = 4 \$84.00

☒ Total number of claims = 29 \$162.00

☐ Multiple dependent claims                     

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath \$130.00

☐ Petition and fee for filing by other than all the inventors or a person not the inventor                     

☐ Fee for processing an application filed with a non-English language specification                     

☐ Fee for processing and retention of application                     

Total completion of application fees \$1,116.00

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☒ One month    ☐ Two months    ☐ Three months    ☐ Four months    ☐ Five months

from: February 4, 2002                      until: March 4, 2002  
*Date* *Date*

Total time extension fees \$110.00

Total fees due \$1,226.00

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.  
13220.010001; P5845

In Re Application Of: John Merrells, et al.

Serial No.  
09/993,940

Filing Date  
November 6, 2001

Examiner

Group Art Unit  
2176

Invention:

**REPLICATION ARCHITECTURE FOR A DIRECTORY SERVER**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of \$1,226.00 is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-0591  
A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 50-0591  
A duplicate copy of this sheet is enclosed.

  
Signature

Dated: February 7, 2002

Jonathan P. Osha, Reg. No.: 33,986  
Rosenthal & Osha L.L.P.  
1221 McKinney, Suite 2800  
Houston, Texas 77010  
Telephone No.: (713) 228-8600  
Facsimile No.: (713) 228-8778

I certify that this document and fee is being deposited  
on with the U.S. Postal Service as  
first class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

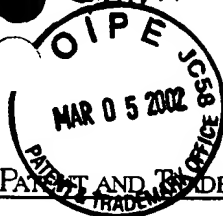
Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

CC:



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Page 1 of 1

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COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/993,940	11/06/2001	John Merrells	13220.010001; P5845

CONFIRMATION NO. 5486

FORMALITIES LETTER



\*OC000000007155373\*

ROSENTHAL & OSHA L.L.P.  
Suite 4550  
700 Louisiana  
Houston, TX 77002

Date Mailed: 12/04/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$246.
  - \$162 for 9 total claims over 20.
  - \$84 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1116.

A copy of this notice **MUST** be returned with the reply.

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/08/2002 HH08Z11 00000100 09993940  
01 FC:101  
02 FC:103  
03 FC:102  
04 FC:105  
BP  
740.00 BP  
162.00 BP  
84.00 BP  
130.00 BP